

# INTERCONNECTION & ENERGY STORAGE

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# WHY INTERCONNECTION FIRST?

*In order for any money to show the energy has to flow  
so right now what you need to know is how your interconnection request will go.*

## ► One issue of many

*That's a great question, but we don't know yet.*

## ► Next steps

*Interconnection & Energy Storage Working Group*



# GOALS FOR TODAY'S MEETING:

- ▶ Welcome to the CPUC
- ▶ Discuss the Interconnection Process at the 3 identified levels
- ▶ Identify the Gaps
- ▶ Discuss the Next Steps



# HOW TO WORK WITH THE CPUC: THE NEW TECHNOLOGY REGULATORY NEXUS

- ▶ Process, Procedure & Jurisdiction  
Arthur O'Donnell, Energy Division

# INTRODUCTIONS

Customer Side	Distribution Grid	Transmission System
NEM R. 12-11-005 Ehren Seybert	Rule 21 Distribution Grid Interconnection R.11-09-011 Jamie Ormond	CAISO Interconnection Bob Emeritt
Electric Vehicles R. 09-08-009 Adam Langdon	Value of Storage/ RPS Calculator/ Procurement: RPS R. 11-05-025 Jason Simon	RA & NQC Calculator: RA R. 11-10-023 Megha Lakhchaura
	WDAT tariff issues fall under FERC jurisdiction	
Overall System Need: R.12-03.014 - LTPP Demand Response Rule 24: R.07-01-041 Scarlet Liang-Uejio		

# UTILITY INTERCONNECTION OMBUDSMEN:

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# INTERCONNECTION & ENERGY STORAGE ON THE *CUSTOMER SIDE* OF THE METER:

In scope	Out of scope
Technical questions: Technical engineering questions about interconnection generally	“Should” statements  The ACR
Process questions: Interconnection request management questions	
~ ! ~	
Issues that do not fall under the R. 11-09-011 proceeding: -- the CEC RPS Handbook -- NEM -- NEM fees – Virtual Net Metering --	

# INTERCONNECTION & ENERGY STORAGE ON THE *DISTRIBUTION* SYSTEM:

In scope	Out of scope
Technical questions: Technical engineering questions about interconnection generally	Procurement  Self Generation Incentive Program
Process questions: Interconnection request management questions	
~ ! ~ Issues that do not fall under the R. 11-09-011 proceeding: -- Procurement -- SGIP --	



# INTERCONNECTION & ENERGY STORAGE ON THE *TRANSMISSION* SYSTEM:

In scope	Out of scope
Technical questions: Technical engineering questions about interconnection generally	Resource Adequacy  CAISO Requirements
Process questions: Interconnection request management questions	Pump Storage
<p>~ ! ~</p> <p>Issues that do not fall under the R. 11-09-011 proceeding: -- RA – DR – CAISO issues – Storage ACR &amp; Pump Storage issues</p>	

# NEXT STEPS

## Interconnection & Energy Storage Working Group

### WELCOME

- ▶ How to get involved:
  - ▶ Join the R. 11-09-011 Service list
  - ▶ Announcement made via service list
  - ▶ Submit requested information
  - ▶ Respond to questions posed
  - ▶ Further instructions to follow